

Montana Department of Transportation PO Box 201001 Helena, MT 59620-1001

Memorandum

Distribution

Paul Ferry, P.E. Highways Engineer

January 7, 2005

Subject: ADA Ramps - Truncated Domes

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Truncated domes are a standardized detectable warning surface for sight-impaired pedestrians. The domes are installed in the sidewalk adjacent to the roadway and provide a cue that the pedestrian is moving from a pedestrian area to a vehicular area. We are required to install truncated domes on all new curb ramps and any project involving alterations to existing ramps.

The truncated domes extend the width of the sidewalk and are located at the bottom of the curb ramp. Truncated domes will be measured and paid by the square yard (square meter). Show the quantities for truncated domes in a separate column in the Sidewalk Summary. Refer to Detailed Drawing No. 608-40 for more complete information.

Include truncated domes in all projects requiring curb ramp construction beginning with the March 2005 letting. Also include the attached special provision in the plans package.

If you have questions concerning this, please contact me at 444-6244.

Pf.

Attachment

Distribution:

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Highways Design Engineer

w/attachment

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Truncated Domes (Initiated 11-29-04)

(Use on all projects.)

Rescind Supplemental Specification 608.03.2.

- A. Construction Requirements. Construct and install Truncated Domes as shown in the Plans and Detailed Drawings. Use Red Brick Color Dye in the concrete mix prior to precasting.
 - B. Method of Measurement.

Rescind the second sentence of 608.04 and replace with the following.

Truncated Domes are measured by the square yard (square meter) to the nearest 0.1 of a square yard (0.1 square meter).

Contracts with sidewalk work not in conjunction with roadway reconstruction: Reinforcing steel, expansion joint material, bond breaker, excavation or embankment, crushed gravel base, and disposal of material associated with the work are not measured for payment.

All other contracts: Reinforcing steel, expansion joint material, bond breaker, disposal of material, and crushed gravel base are not measured for payment. Excavation or embankment associated with the work is measured by the cubic yard (cubic meter).

C. Basis of Payment.

Rescind the second sentence in the paragraph under the Pay Item/Pay Item columns in Section 608.05 and add the following.

Payment for Truncated Domes is by the square yard (square meter).

Contracts with sidewalk work only not in conjunction with roadway reconstruction: Reinforcing steel, expansion joint material, bond breaker, excavation or embankment, crushed gravel base, and disposal of material associated with the work are paid under Sidewalk-Concrete.

All other contracts: Include the cost of reinforcing steel, expansion joint material, bond breaker, disposal of material, and crushed gravel base in the contract unit price bid for Sidewalk-Concrete. Excavation or embankment associated with the work is paid under the specified type of earthwork.